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John C. Harvey and James W. Cuddihy

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## UNITED STATES PATENT DOCUMENTS

| EXAMINER<br>INITIAL | PATENT<br>NUMBER | PATENT<br>DATE | NAME               | CLASS/<br>SUBCLASS | FILING<br>DATE* |
|---------------------|------------------|----------------|--------------------|--------------------|-----------------|
|                     | Re 26,331        | 1/9/68         | Brothman et al.    |                    |                 |
|                     | Re 33,189        | 3/27/90        | Lee et al.         |                    |                 |
|                     | 2,117,638        | 5/17/38        | Walter             |                    |                 |
|                     | 3,368,031        | 2/6/68         | Eisele             |                    |                 |
|                     | 3,387,082        | 6/4/68         | Farber et al.      |                    |                 |
|                     | 3,387,083        | 6/4/68         | Farber et al.      |                    |                 |
|                     | 3,390,234        | 6/25/68        | Glidden            |                    |                 |
|                     | 3,430,004        | 2/25/69        | Shenk              |                    |                 |
|                     | 3,475,547        | 10/28/69       | Sarlund            |                    |                 |
|                     | 3,478,342        | 11/11/69       | Alldritt et al.    |                    |                 |
|                     | 3,588,357        | 6/28/71        | Sellari            |                    |                 |
|                     | 3,624,516        | 11/30/71       | Rando et al.       |                    |                 |
|                     | 3,737,858        | 6/5/73         | Turner et al.      |                    |                 |
|                     | 3,813,482        | 5/28/74        | Blonder            |                    |                 |
|                     | 3,842,206        | 10/15/74       | Barselloti et al., |                    |                 |
|                     | 3,858,240        | 12/31/74       | Golding et al.     |                    |                 |
|                     | 3,898,378        | 8/5/75         | Hinoshita et al.   |                    |                 |
|                     | 3,899,639        | 8/12/75        | Cleveley et al.,   |                    |                 |
|                     | 3,922,492        | 11/25/75       | Lumsden            |                    |                 |
|                     | 3,936,593        | 2/3/76         | Aaronson et al.,   |                    |                 |
|                     | 3,958,088        | 5/18/76        | Vieri              |                    |                 |
|                     | 3,962,535        | 6/8/76         | Haskell            |                    |                 |
|                     | 3,971,888        | 7/27/76        | Ching et al.       |                    |                 |
|                     | 3,974,451        | 8/10/76        | Maeder             |                    |                 |
|                     | 3,988,550        | 10/26/76       | Ts'ao              |                    |                 |
|                     | 4,006,297        | 2/1/77         | Koga               |                    |                 |
|                     | 4,011,414        | 3/8/77         | Warren             |                    |                 |
|                     | 4,027,100        | 5/31/77        | Ishiguro           |                    |                 |
|                     | 4,031,543        | 6/21/77        | Holz               |                    |                 |
|                     | 4,045,811        | 8/30/77        | Dingwall           |                    |                 |
|                     | 4,045,814        | 8/30/77        | Hartung            |                    |                 |
|                     | 4,047,221        | 9/6/77         | Yasuda et al.      |                    |                 |
|                     | 4,056,684        | 11/1/77        | Lindstrom          |                    |                 |
|                     | 4,060,832        | 11/29/77       | Devimeux et al.    |                    |                 |
|                     | 4,061,577        | 12/6/77        | Bell               |                    |                 |
|                     | 4,068,265        | 1/10/78        | Russell            |                    |                 |
|                     | 4,118,669        | 10/3/78        | Fung               |                    |                 |
|                     | 4,141,034        | 2/20/79        | Netravali et al.   |                    |                 |
|                     | 4,148,070        | 4/3/79         | Taylor             |                    |                 |

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| EXAMINER<br>INITIAL | PATENT<br>NUMBER | PATENT<br>DATE | NAME               | CLASS/<br>SUBCLASS | FILING<br>DATE* |
|---------------------|------------------|----------------|--------------------|--------------------|-----------------|
|                     | 4,189,748        | 2/19/80        | Reis               |                    |                 |
|                     | 4,195,288        | 3/25/80        | Morton             |                    |                 |
|                     | 4,196,448        | 4/1/80         | Whitehouse et al.  |                    |                 |
|                     | 4,201,887        | 5/6/80         | Burns              |                    |                 |
|                     | 4,203,166        | 5/13/80        | Ehrsam et al.      |                    |                 |
|                     | 4,215,369        | 7/29/80        | Yukihiko Iijima    |                    |                 |
|                     | 4,217,609        | 8/12/80        | Hatori et al.      |                    |                 |
|                     | 4,218,697        | 8/19/80        | Leventer           |                    |                 |
|                     | 4,222,073        | 9/9/80         | Hirashima          |                    |                 |
|                     | 4,224,678        | 9/23/80        | Lynch et al.       |                    |                 |
|                     | 4,238,853        | 12/9/80        | Ehrsam et al.      |                    |                 |
|                     | 4,238,854        | 12/9/80        | Ehrsam et al.      |                    |                 |
|                     | 4,258,423        | 3/24/81        | Lane et al.        |                    |                 |
|                     | 4,271,506        | 6/2/81         | Broc et al.        |                    |                 |
|                     | 4,302,775        | 11/24/81       | Widergren et al.   |                    | 12/15/78        |
|                     | 4,306,250        | 12/15/81       | Summers et al.     |                    | 8/18/80         |
|                     | 4,318,126        | 3/2/82         | Sassler            |                    | 4/2/80          |
|                     | 4,318,127        | 3/2/82         | Fukuda et al.      |                    | 8/1/80          |
|                     | 4,318,128        | 3/2/82         | Sauvanet           |                    | 7/15/80         |
|                     | 4,333,107        | 6/1/82         | McGuire et al.     |                    | 5/3/79          |
|                     | 4,357,548        | 11/2/82        | Preslar            |                    | 5/30/80         |
|                     | 4,358,790        | 11/9/82        | Summers            |                    | 4/18/80         |
|                     | 4,369,462        | 1/18/83        | Tornizawa et al.   |                    | 8/15/80         |
|                     | 4,369,464        | 1/18/83        | Temime             |                    | 7/8/80          |
|                     | 4,375,650        | 3/1/83         | Tiemann            |                    | 4/29/81         |
|                     | 4,381,562        | 4/26/83        | Acampora           |                    | 5/1/80          |
|                     | 4,419,699        | 12/6/83        | Christopher et al. |                    |                 |
|                     | 4,420,833        | 12/13/83       | Noirel             |                    | 9/22/80         |
|                     | 4,514,761        | 4/30/85        | Merrell et al      |                    |                 |
|                     | 4,534,024        | 8/6/85         | Maxemchuk et al.   |                    |                 |
|                     | 4,600,942        | 7/15/86        | Field et al.       |                    |                 |
|                     | 4,658,292        | 4/14/87        | Okamoto et al.     |                    |                 |
|                     | 4,695,880        | 9/22/87        | Johnson et al.     |                    | 7/30/85         |
|                     | 4,713,837        | 12/15/87       | Gordon             |                    | 12/24/85        |
|                     | 4,736,420        | 4/5/88         | Katznelson et al   |                    | 9/19/86         |
|                     | 4,777,354        | 10/11/88       | Thomas             |                    | 1/27/86         |
|                     | 4,780,910        | 10/25/88       | Huddleston et al.  |                    | 10/24/85        |
|                     | 4,908,859        | 3/13/90        | Bennett et al      |                    |                 |
|                     | 4,930,160        | 5/29/90        | Vogel              |                    |                 |
|                     | 4,937,821        | 6/26/90        | Boulton            |                    |                 |
|                     | 5,099,348        | 3/24/92        | Huddleston et al.  |                    |                 |
|                     | 3,472,962        | 10/14/69       | Sanford            |                    |                 |
|                     | 4,034,990        | 7/12/77        | Baer               |                    |                 |
|                     | 4,247,106        | 1/27/81        | Jeffers et al      |                    |                 |
|                     | 4,359,223        | 11/16/82       | Baer et al         |                    | 11/01/79        |
|                     | 4,460,922        | 7/17/84        | Ensinger et al     |                    |                 |
|                     | 4,533,943        | 8/6/85         | Poirier            |                    |                 |
|                     | 4,580,779        | 4/8/86         | Kanamaru et al     |                    |                 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./

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|---------------------|------------------|----------------|----------------|--------------------|-----------------|
|                     | 4,695,879        | 9/22/87        | Weinblatt      |                    | 2/7/86          |
|                     | 4,716,588        | 12/29/87       | Thompson et al |                    | 10/29/85        |
|                     | 4,751,578        | 6/14/88        | Reiter et al   |                    | 5/28/85         |

\* If Pertinent

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | COUNTRY        | CLASS/<br>SUBCLASS | TRANSLATION<br>YES NO |
|---------------------|--------------------|---------------------|----------------|--------------------|-----------------------|
|                     | GB 2 155 283       | 9/18/83             | United Kingdom |                    |                       |
|                     | JP 56116385        | 9/12/81             | Japan          |                    | X                     |
|                     | JP 62060378        | 3/17/87             | Japan          |                    | X                     |
|                     | 61-236284          | 10/1986             | Japan          |                    | X                     |
|                     | 62-12285           | 1/1987              | Japan          |                    | X                     |
|                     | DE 33 28 001       | 2/14/85             | Germany        |                    | X                     |
|                     | DE 33 35 082       | 4/11/85             | Germany        |                    | X                     |

## OTHER DOCUMENTS

| EXAMINER<br>INITIAL | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.  |
|---------------------|---|
|                     | CHORAFAS, "Interactive Videotex: The Domesticated Computer," 1981, Petrocelli Books, New York   |
|                     | HINTON, "Character rounding for the Wireless Word Teletex Decoder," Wireless World, Nov. 1978, pp. 49-53, Vol. 84 No. 1515, IPC Business Press, United Kingdom  |
|                     | KRUGER, "Speicherfernsehen, Das Digitale Kennungssystem ZPS," Proceedings 9 <sup>th</sup> International Congress Microelectroncis, pp. 39-45  |
|                     | "Fernsehempfang rund um die Uhr" Funk Technik, Mar. 1981, Vol 36  |
|                     | "Method for the Transmission of Additional Information," German Patent Application submitted by Blaupunkt Werke GMBH, filed May 31, 1980  |
|                     | "Eine Neue Generation Mikroprozessorgesteuerter Datensender Und -Empfänger Für Alle Varianten Der Datenübertragung In Der V-Lücke Des Fernsehsignals", A. Ebner and K. Schuster, Rundfunktechnische Mitteilungen, Vol. 26, No. 5, pp. 215-220 |
|                     | "A Novel Television Add-On Data Communication System", January, 1974, Patrick T. King, Society of Motion Picture and Television Engineers Journal, Vol. 83  |
|                     | "Actual Two-Way Systems," Ronald K. Jurgen, IEEE Spectrum, November 1971  |
|                     | "Additional Information Within the Television Signal", September 1970, R. A. O'Connor, , Journal of the Society of Motion Picture and Television Engineers, Vol. 79, No. 9, p. 824  |
|                     | "Applications of Information Networks," J.C.R. et al, Proceedings of the IEEE, Vol. 66, No. 11, pp. 1330-1346, November 1978  |
|                     | "Automated Control Units for Advertising On Cable," G. Morgan, Image Technology, Vol. 68, No. 9, pgs. 457, 460, September 1986  |
|                     | "Coded Information Within the Picture Area", February, 1974, Wilton R. Holm, , Society of Motion Picture and Television Engineers Journal, Vol. 83  |
|                     | "Color Decode a PCM NTSC Television Signal", June, 1974, John P. Rossi, , Society of Motion Picture and Television Engineers Journal, Vol. 83   |
|                     | "Comparison of Technology and Capital Costs of New Home Services," Metin B. Akgun, IEEE Transactions on Cable Television, Vol. CATV-5, No. 3, July 1980   |
|                     | "Codifica Numerica Del Segnale Sonoro - Interfaccia Per Gli Apparati Professionali", October, 1985, M. Barbero and M. Occhiena, Elettronica e Telecomunicazioni, Vol. 34, No. 5, pp. 209- 216   |
|                     | "Encryption-based security systems", 5/29/87-6/1/87, Wechselberger, , NCTA Convention Records pp. 148-152   |

| EXAMINER<br>INITIAL | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.   |
|---------------------|--|
|                     | "Experiences with Pilot Projects in North America, Japan, and Europe", 1977, Eds. W. Kaiser, H. Marko, and E. Witte, Two-Way Cable Television  |
|                     | "Going for The Microcomputer Market with Commercial Telesoftware", 1982, M. Shain, Viewdata 82   |
|                     | "Hard encrypted video & audio television system", 3/15/86-3/18/86, Jeffers, Glaab & Griffin, NCTA Convention Records pp. 232-234   |
|                     | "Hybrid Addressability," Stubbs & Holobinko, National Cable Television Association Convention, pp. 255-265, 6/3/-6/6/1984  |
|                     | "Individualized Still-Picture Communication on a Two-Way Broad-Band CATV System," Koji Maeda, IEEE Transactions on Communications, Vol. COM-23, No. 1, January 1975  |
|                     | "Low Cost Interactive Home TV Terminal," Stetten & Mason, National Cable Television Association Convention, pp. 49-53, 7/6-7/9/1971  |
|                     | "Measurement and Control of TV Transmitters," Shelley and Smart, Society of Motion Picture and Television Engineers Journal, Vol. 80, November 1971  |
|                     | "Off Premises Addressability," Preschutti, National Cable Television Association Convention, pp. 48-57, 6/2-6/5/1985   |
|                     | "On Distributed Communications," Paul Baran, The RAND Corporation, Volumes 1-10  |
|                     | "Operational Implementation of a Broadcast Television Frame Synchronizer", March, 1975, Robert J. Butler, Society of Motion Picture and Television Engineers Journal, Vol. 84  |
|                     | "Pilot Two-Way CATV Systems," Ernest K. Smith, IEEE Transactions on Communications, Vol. COM-23, No. 1, January 1975   |
|                     | "Some Methods of Automatic Analysis of Television Test Signals", December 1971, R. H. Vivian, Society of Motion Picture and Television Engineers Journal, Vol. 80  |
|                     | "SRS El Segundo Interim Test Report," Callais, National Cable Television Association Convention, pp. 384-407, 5/14-5/17/1972   |
|                     | "Status Monitoring System," Hale, National Cable Television Association Convention, pp. 153-158, 1974  |
|                     | "Television Applications and Transmission of Digital Data in the Vertical Blanking Interval", 1980, J. J. Lopinto, ITC/USA/'80, International Telemetering Conference, P. 650, pp. 345-349                                       |
|                     | "Television Central," Society of Motion Picture and Television Engineers Journal, Vol. 85, October 1976  |
|                     | "The Digital Video Effects System," Patten, Society of Motion Picture and Television Engineers Journal, Vol. 87, April 1978  |
|                     | "The Magnavox Premium TV System," Forbes & Cooley, National Cable Television Association Convention, pp. 100-104, 6/17-6/20/1973   |
|                     | "The Subscriber Response System," Durfee & Callais, National Cable Television Association Convention, pp. 28-48, 7/6-7/9/1971  |
|                     | "TV Frame Synchronizer," Kano, et al., Society of Motion Picture and Television Engineers Journal, Vol. 84, March 1975   |
|                     | "Two-Way Coax TV System Handles All Communication Needs," George F. Benton, Communications News, April 1975  |
|                     | "Use of Low Frequency Bi-Directional Digital Transmission On Cable," Ellis, National Cable Television Association Convention, pp. 38-45, 4/17-4/20/1977  |
|                     | "Videotex & Teletext," Technical Panel, National Cable Television Association Convention, pp. 160-184, 6/12-6/15/1983  |
|                     | "Videotex Networks," J. Stynen and M. Keymolen, Revue HF, Vol. 1, No. 12, pgs. 413-424, 1981   |
|                     | "Videotex Technologies," Technical Panel, National Cable Television Association Convention, pp. 99-123, 5/29-6/1/1981  |
|                     | DAS DIGITALES FERNSEHKENNUNGSSYSTEM ZPS, H. Eckhard Krüger, ntz Bd. 35 (1982) Heft 6 ("THE DIGITAL TELEVISION IDENTIFICATION SYSTEM ZPS," ntz, Vol. 35, No. 6, 1982, pgs. 368-376)   |
|                     | DIGITALES KENNUNGSSYSTEM ZPS, Dr. H. E. Krüger, Forderungsvorhaben TK 0054/3 ("DIGITAL IDENTIFICATION SYSTEM ZPS," Dr. H. E. Krüger, Research Project TK 0054/3, Final Report, October 1, 1978 to October 31, 1979)              |
|                     | Hi-OVIS Development Project, M. Kawahata, Presented in Two-Way Cable Television, Experiences with Pilot Projects in North America, Japan and Europe, Proceedings of a Symposium Held in Munich, April 27-29, 1977, pages 135-142 |

| EXAMINER<br>INITIAL | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.  |
|---------------------|---|
|                     | Kinghorn, J.R., 11/00/85, "Using Extensions to World System Teletext," IEEE Transactions on Consumer Electronics, Vol. CE-31, No. 4, pp. 661-666  |
|                     | The Videotex and Teletext Handbook, Hurly et al., Harper and Row Publishers, Inc., 1985   |
|                     | Two-Way Applications for Cable Television Systems in the '70s, Ronald K. Jurgen, Editor, IEEE Spectrum, Nov. 1971   |
|                     | VEREINBARUNG ZVEI/ARD/ZDF ZUR ZRD/ZDF/ZVEI - TICHTLINIE "VIDEO-PROGRAMM-SYSTEM (VPS)," ARD/ZDF, December 4, 1984 (MEMORANDUM OF UNDERSTANDING ZVEI/ARD/ZDF ON THE ARD/ZDF/ZVEI GUIDELINE FOR A "VIDEO PROGRAMMING SYSTEM (VPS)")                                  |
|                     | VIDEOPROGRAMMSYSTEM DER 2. GENERATION, Von Gunther Stacker, net 40 (1986), Heft 7/8 ("SECOND-GENERATION VIDEO PROGRAMMING SYSTEMS," Von Gunther Stacker, net Vol. 7/8 No. 40 (1986), pgs. 311-315)  |
|                     | VIDEOTEXT PROGRAMMIERT VIDEOHEIMGERATE (VPV), Gerhard Eitz, Karl-Ulrich Oberlies, Fundfunktechnische Mitteilungen, Jahrg. 30 (1986), H. 5 ("VCR PROGRAMMING VIA TELETXT")   |
|                     | VIDEOTEXT PROGRAMMIERT VIDEORECORDER, Von Gunther Hofmann, Andreas Neuman, Karl-Ulrich Oberlies and Eckhard Schadwinkel, Rundfunktech Mitteilunger, Jahrg. 26 (1982) H. 6 ("VIDEOTEXT PROGRAMS VIDEO RECORDER")   |
|                     | VIDEOTEXT UND BILDSCHIRMTEXT MIT DEN LSI-SCHALTUNGDN SAA 5020, SAA 5030, SAA 5041 UND SAA 5051, Valvo, Technische Information fur die Industrie, April 1980 ("VIDEOTEXT AND INTERACTIVE VIDEOTEX WITH THE LSI-CIRCUITS SAA 5020, SAA 5030, SAA 5041 AND SAA 5051) |
|                     | Viewdata: A Public Information Utility, Second Edition, 1980, Dr. Adrian V. Stokes  |
|                     | WUNSCHPROGRAMM AUS DER FERNSEHZEITSCHRIFT, Funkschau 12/1981, pgs. 6070 ("RECORDING PROGRAMS FROM THE PROGRAM GUIDE," Funkschau 12/1982, pgs. 60-70)  |

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|--|-------------------------------|
| EXAMINER /Aaron Strange/   | DATE CONSIDERED<br>06/18/2010 |
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